

LEON E. COMEAUX**& ASSOCIATES**

Geological & Petroleum Consultants

P.O. Box 53922 Lafayette, LA 70505

Phone 337 233-9839 Fax 337 233-2131 lcomeaux@cox-internet.com

February 24, 2005

Honorable James H. Welsh
Commissioner of Conservation
Department of Natural Resources
Office of Conservation
P. O. Box 94275
Baton Rouge, Louisiana 70804-9275

RE: Proposed Substitute Unit Well
8600' Sand
8700' Sand, Reservoir B
8900' Sand
BASTIAN BAY FIELD
Plaquemines Parish, Louisiana

Dear Sir:

Application is hereby made on behalf of Hilcorp Energy Company for the calling of a public hearing, after ten (10) days legal notice, to consider evidence relative to the issuance of orders pertaining to the following matters relating to the 8600' Sand, 8700' Sand, Reservoir B, and the 8900' Sand in the Bastian Bay Field, Plaquemines Parish, Louisiana, for which units were established and rules and regulations adopted by Office of Conservation Order No. 339-FF, effective December 1, 1964, Order No. 339-Z-1, effective May 14, 1996 and Order No. 339-H-1, effective May 1, 1958 respectively.

FOR THE 8600' SAND (ORDER NO. 339-FF)

1. To designate Hilcorp Energy Company - LL & E No. 30-D Well (SN218455) as a substitute unit well for the 8600' Sand in the Bastian Bay Field, Plaquemines Parish, Louisiana, as shown on the plat which is attached hereto and made a part hereof.

2. Except as may be in conflict with the provisions hereof, the provisions of Office of Conservation Order No. 339-FF, effective December 1, 1964 shall remain in full force and effect.

3. To consider such other matters as may be pertinent to this application.

The Phillips Petroleum Company - Fasterling No. 1 Well, the present unit well, ceased to produce from the 8600' Sand and was plugged and abandoned on September 5, 1990. The proposed substitute unit well will allow for the recovery of hydrocarbons within the existing unit which would otherwise be lost.

The 8600' Sand, in the Bastian Bay Field, Plaquemines Parish, Louisiana, was fully defined in Office of Conservation Order No. 339-FF, effective December 1, 1964.

FOR THE 8700' SAND, RESERVOIR B (ORDER NO. 339-Z-1)

1. To designate Hilcorp Energy Company - LL & E No. 30-D Well (SN218455) as a substitute unit well for the 8700' Sand, Reservoir B, in the Bastian Bay Field, Plaquemines Parish, Louisiana, as shown on the plat which is attached hereto and made a part hereof.

2. Except as may be in conflict with the provisions hereof, the provisions of Office of Conservation Order No. 339-Z-1, effective May 14, 1996 shall remain in full force and effect.

3. To consider such other matters as may be pertinent to this application.

The Hilcorp Energy Company (formerly Phillips Petroleum Company) - LL & E No. 27-D Well, the present unit well, ceased to produce from the 8700' Sand in December, 1997. The proposed substitute unit well will allow for the recovery of hydrocarbons within the existing unit which would otherwise be lost.

The 8700' Sand, Reservoir B, in the Bastian Bay Field, Plaquemines Parish, Louisiana, was fully defined in Office of Conservation Order No. 339-Z-1, effective May 14, 1996.

FOR THE 8900' SAND (ORDER NO. 339-H-1)

1. To designate Hilcorp Energy Company - LL & E No. 30-D Well (SN218455) as a substitute unit well for the 8900' Sand in the Bastian Bay Field, Plaquemines Parish, Louisiana, as shown on the plat which is attached hereto and made a part hereof.

2. Except as may be in conflict with the provisions hereof, the provisions of Office of Conservation Order No. 339-H-1, effective May 1, 1958 shall remain in full force and effect.

3. To consider such other matters as may be pertinent to this application.

The Phillips Petroleum Company - FASTERLING No. 1 Well, the present unit well, ceased to produce from the 8900' Sand and was plugged and abandoned on September 5, 1990. The proposed substitute unit well will allow for the recovery of hydrocarbons within the existing unit which would otherwise be lost.

The 8900' Sand, in the Bastian Bay Field, Plaquemines Parish, Louisiana, was fully defined in Office of Conservation Order No. 339-H-1, effective May 1, 1958.

There are attached hereto and made a part hereof plats identifying the subject units created by Conservation Order Nos. 339-FF, 339-Z-1 and 339-H-1, along with the location of the proposed substitute unit well. Pursuant to the Revised Rules of Procedure, a list of names and addresses of the Interested Owners, Interested Parties and Represented Parties to whom this application is being sent is being furnished only to the Commissioner of Conservation and to the District Manager of the Lafayette District of the Office of Conservation. However, the list will be provided to any party requesting a copy. A diligent effort was made to ascertain the names and addresses of all Interested Owners, Interested Parties and Represented Parties as required by the Revised Rules of Procedure.

Finally, there is enclosed our check on behalf of the applicant, Hilcorp Energy Company, in the sum of \$2,265.00 payable to the Office of Conservation and representing the required hearing application fee.

Sincerely,

LEON E. COMEAUX & ASSOCIATES



Bill McAlister

BM/cu
Enclosures

cc: Mr. Richard Hudson
Office of Conservation
825 Kaliste Saloom Road
Brandywine III, Suite 220
Lafayette, Louisiana 70508-4284

Interested Parties, Interested
Owners and Represented Parties

HILCORP
(SL 3212 1D)
LL&E 30-D

SEC. 38

8600' SAND
26.97 ACRES

PRO. SUBT. UNIT WELL
X= 2,568,676.0' (27)
Y= 239,381.5' (27)
Lat= 29°18'45.95"N
Lon= 89°32'56.43"W
X= 3,849,477.9' (83)
Y= 300,086.1' (83)

PHILLIPS
PRESENT
UNIT WELL

COURSE	BEARING	DISTANCE
1	N40°28'W	1,010.0'
2	N49°10'E	300.0'
3	N61°12'E	300.0'
4	N68°30'E	300.0'
5	N72°15'E	300.0'
6	N76°32'E	490.0'
7	S05°47'W	300.0'
8	S17°15'W	300.0'
9	S28°35'W	300.0'
10	S38°20'W	300.0'
11	S47°52'W	300.0'
12	S55°41'W	247.6'

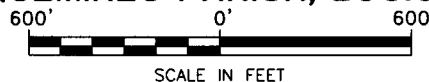
SEC. 47

TRACT	PARTICIPANT	ACREAGE	PERCENT
1	SL 3212 Sec. 38	1.00	3.70782
2	LL&E - Sec. 38	6.18	22.91435
3	SL 3212 NE/4 Sec 47	1.37	5.07972
4	LL&E NE/4 Sec 47	10.42	38.63552
5	SL 3212 30% Fast.70% NW/4 Sec 47	4.19	15.53578
6	Fasterling	3.81	14.12681
TOTALS		26.97	100.00000

ORDER NO. 339-FF

HILCORP ENERGY COMPANY
HOUSTON, TEXAS

8600' SAND
BASTIAN BAY FIELD
PLAQUEMINES PARISH, LOUISIANA



① DESIGNATES TRACT NUMBER.

PARTICIPATION HELD AS PER ORIGINAL
SURVEY FOR PHILLIPS PETR. CO. FOR THE
8600 FOOT SAND UNIT LA. CONSERVATION
#339-FF DATED REV. 2/16/65.

Ronald E. Prather

RONALD E. PRATHER
PROFESSIONAL LAND SURVEYOR
LOUISIANA REGISTRATION NO. 4643

C & C TECHNOLOGIES, INC.
LAFAYETTE, LOUISIANA

PREPARED
BY:

C & C Technologies
SURVEY SERVICES

730 E. KALISTE SALOOM ROAD, LAFAYETTE, LA. (337) 261-0660

JOB NO. 7700

DATE: 02/17/2005

DWG: R&P CHK:

REV.:

FILENAME: U7700B.DWG

LAMBERT GRID NORTH
NAD 1927 LA. S.Z.

HILCORP
(SL 3212 10)
LL&E 30-D

T 20 S - R 29 E

Sec. 38

POINT OF BEGINNING
X= 2,570,047.01'
Y= 240,334.83' (27)
Lat= 29°18'55.178"N
Lon= 89°32'40.774"W
X= 3,850,849.00'
Y= 301,039.37' (83)

PROP. SUBT. UNIT WELL
X= 2,568,693.20' (27)
Y= 239,229.64' (27)
Lat= 29°18'44.447"N
Lon= 89°32'56.258"W
X= 3,849,495.16' (83)
Y= 299,934.19' (83)
9304'MD

(SN 218455)

Sec. 47

COURSE	BEARING	DISTANCE
1	S21°27'37"W	135.04'
2	S07°56'09"W	172.36'
3	S03°15'36"W	150.42'
4	S02°45'45"E	497.27'
5	S04°22'52"E	247.82'
6	S15°34'36"E	229.90'
7	S13°00'26"E	198.47'
8	S16°14'56"E	209.68'
9	S21°21'12"E	188.25'
10	S05°37'04"E	106.23'
11	S00°42'38"W	121.74'
12	S13°07'13"W	121.00'
13	S16°28'14"W	125.00'
14	S31°22'44"W	121.84'
15	S35°52'11"W	118.54'
16	S48°22'48"W	156.93'
17	S58°20'31"W	126.28'
18	S64°12'41"W	101.75'
19	S74°58'29"W	109.39'
20	N47°11'02"W	356.19'
21	N40°43'55"W	345.23'
22	N35°49'43"W	477.97'
23	N37°47'58"W	420.63'
24	N42°31'06"W	320.13'
25	N49°05'37"W	240.19'
26	N52°20'46"W	184.34'
27	N56°41'31"W	169.00'
28	N39°26'19"E	232.00'
29	N54°38'25"E	236.50'
30	N54°52'47"E	197.73'
31	N58°34'12"E	219.95'
32	N69°22'40"E	313.85'
33	N69°51'20"E	199.55'
34	N70°08'09"E	1,012.96'

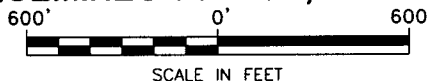
8700' RB SUA
L.L. & E. NO. 27
83.58 ACRES

TRACT	PARTICIPANT	ACREAGE	PERCENT
1	S.L. 3212 - Fasterling	2.94	3.51759
2	J. Fasterling, Jr., et al	4.62	5.52764
3	Louisiana Land & Exploration Co.	6.81	8.14788
4	Louisiana Land & Exploration Co.	14.50	17.34865
5	S.L. 3212 - Fasterling	0.88	1.05288
6	S.L. 3212	15.75	18.84422
7	J. Fasterling, Jr., et al	0.17	0.20340
8	Louisiana Land & Exploration Co.	0.03	0.03589
9	Louisiana Land & Exploration Co.	37.88	45.32185
TOTALS		83.58	100.00000

ORDER NO. 339-Z-1

HILCORP ENERGY COMPANY
HOUSTON, TEXAS

8700' RB SUA
BASTIAN BAY FIELD
PLAQUEMINES PARISH, LOUISIANA



NOTE:
WATER BOTTOMS FOR TRACTS SHOWN
HEREON WERE DIGITIZED FROM SURVEY
PLAT FOR THE 9200' SAND ORDER NO.
339-U-1.

Ronald E. Prather

RONALD E. PRATHER
PROFESSIONAL LAND SURVEYOR
LOUISIANA REGISTRATION NO. 4643

C & C TECHNOLOGIES, INC.
LAFAYETTE, LOUISIANA

PREPARED
BY:

C & C Technologies
SURVEY SERVICES

730 E. KALISTE SALOOM ROAD, LAFAYETTE, LA. (337) 261-0660

JOB NO. 7700
DWG: 88P
FILENAME: U7700A.DWG

DATE: 02/16/2005
REV.:

Sec. 46

LAMBERT GRID NORTH
NAD 1927 LA. S.Z.

37

PARTICIPATION HELD AS PER ORIGINAL (SL 3212 1D) LL&E 30-D
 SURVEY FOR PHILLIPS PETR. CO. FOR THE
 8900 FOOT SAND UNIT LA. CONSERVATION
 #339-H-1.

TRACT	PARTICIPANT	ACREAGE	PERCENT
1	Fasterling	55.13	33.35956
2	SL 3212 30% Fasterling 70%	16.20	9.80274
3	SL 192 30% Fasterling 70%	20.57	12.44705
4	SL 3212	19.36	11.71487
5	LL&E	54.00	32.67578
TOTALS		165.26	100.00000

SEC. 39

SEC. 38

(SN 218455)

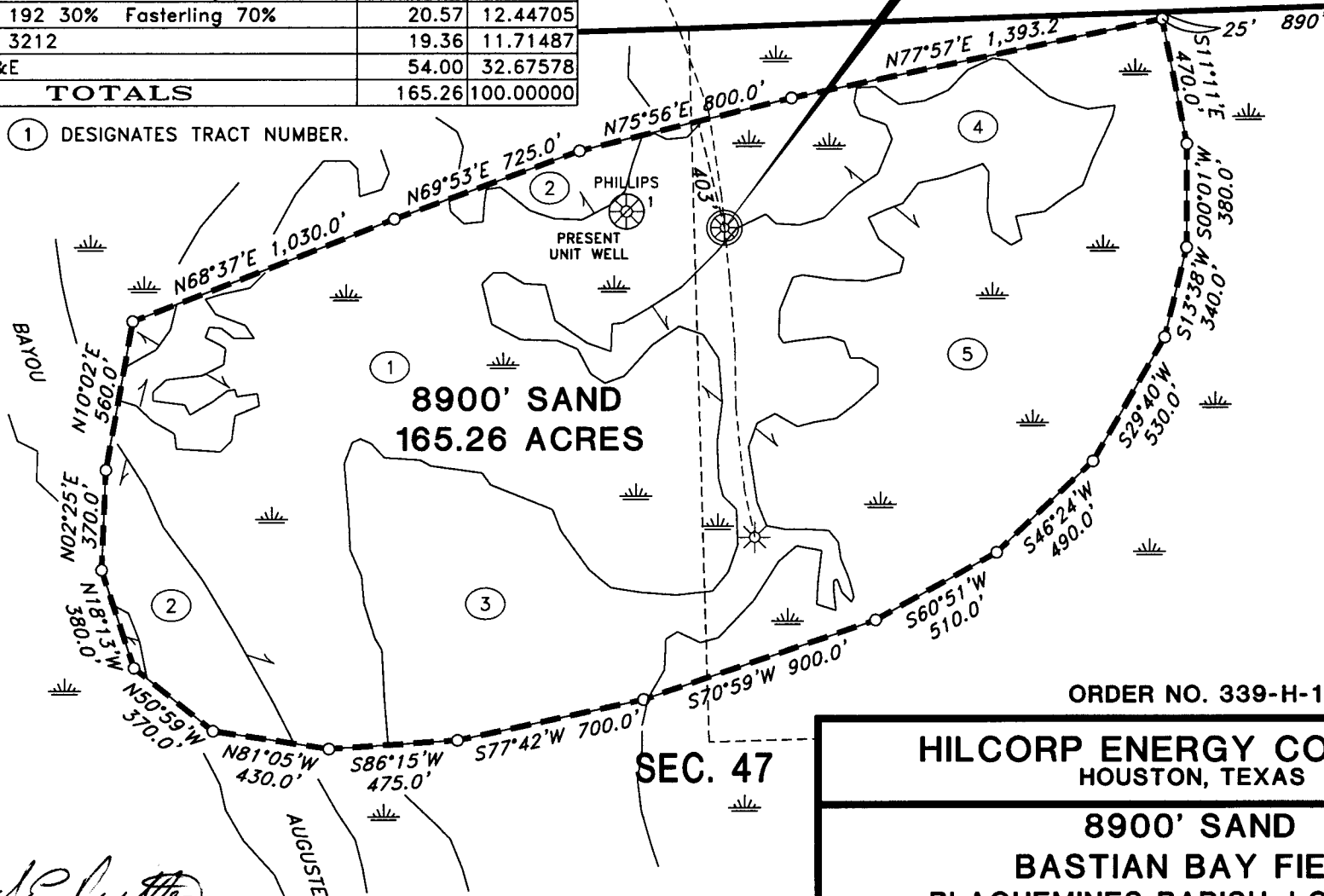
PROP. SUBT. UNIT WELL
X= 2,568,706.7' (27)
Y= 239,090.2' (27)
Lot= 29°18'43"N
Lon= 89°32'56"W
X= 3,849,508.7' (83)
Y= 299,794.8' (83)

9520' MD

SEC. 46

SEC. 48

① DESIGNATES TRACT NUMBER.



ORDER NO. 339-H-1

HILCORP ENERGY COMPANY
 HOUSTON, TEXAS

8900' SAND
BASTIAN BAY FIELD
PLAQUEMINES PARISH, LOUISIANA

600' 0' 600'
 SCALE IN FEET

RONALD E. PRATHER
 PROFESSIONAL LAND SURVEYOR
 LOUISIANA REGISTRATION NO. 4643

C & C TECHNOLOGIES, INC.
 LAFAYETTE, LOUISIANA

PREPARED BY: **C & C Technologies**
 SURVEY SERVICES
 730 E. KALISTE SALOOM ROAD, LAFAYETTE, LA. (337) 261-0660

JOB NO.	DATE: 02/18/2005
DWG: <i>RLP</i> CHK:	REV.:
FILENAME: U7700C.DWG	